



SPYWOLF

Security Audit Report



Completed on
February 08, 2023

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OVERVIEW

This audit has been prepared for **Eva Token** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

”

- SPYWOLF Team -





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Eva Token



PROJECT DESCRIPTION

According to their whitepaper:

Startups and companies are using cryptocurrencies or tokens to raise funds for the development of new technologies, including electric and autonomous vehicles. EVA Token will encourage the idea, in supporting the development of electric and autonomous vehicle technologies and infrastructure.

Release Date: Presale starts in February 19th, 2023

Category: Eco token



CONTRACT INFO

Token Name
Eva Token

Symbol
EVA

Contract Address

0x94aD85FC8B59B0d0871b23AfAE45910659525afC

Network

Ethereum

Language

Solidity

Deployment Date

Jan 31, 2022

Verified?

Yes

Total Supply

5,000,000,000,000

Status

Not launched

TAXES

Buy Tax
9%

Sell Tax
9%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	5000000000000 EVA
Median Transfer Amount	5000000000000 EVA
Average Transfer Amount	5000000000000 EVA
First transfer date	2023-01-31
Last transfer date	2023-01-31
Days token transferred	1

SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-01-31 12:15:59 UTC
Created	2023-01-31 12:15:59 UTC
Create TX	0xfaa5236007d6c0a2a7ef437b10b9e59f6a013a41e7bedb3db27c15b56492f1a2
Creator	0xd0cc1a5dd2fd527aeba4b15017073d60b88bf07c



VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

High Risk

No major high risk-level threats found in this contract.

Medium Risk

No major medium risk-level threats found in this contract.

Low Risk

No major low risk-level threats found in this contract.



Informational

Owner can withdraw any tokens from the contract.

```
function clearStuckBalance(uint256 amountPercentage) external onlyOwner {
    uint256 amountETH = address(this).balance;
    payable(msg.sender).transfer((amountETH * amountPercentage) / 100);
}

function clearStuckTokens(address _tokenContract, uint256 _amount) public onlyOwner {
    IERC20 tokenContract = IERC20(_tokenContract);
    tokenContract.transfer(msg.sender, _amount);
}
```

Owner can set max transaction and wallet limit but cannot lower them than 0.5% of total supply.

```
function setMaxTxAmount(uint256 maxTx) external onlyOwner() {
    require(maxTx >= 25000000000, "Cannot set the max txn less than 0.5%");
    _maxTxAmount = maxTx * 10 ** 18;
}

function setMaxWalletTokens(uint256 _maxToken) external onlyOwner {
    require(_maxToken >= 25000000000, "Cannot set the max wallet less than 0.5%");
    maxWalletToken = _maxToken * 10 ** 18;
}
```



Informational

Owner can change buy/sell fees up to 12%.
Combined buy+sell=24%.

```
function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner() {  
    require(liquidityFee <=3,"Cannot set the fee more than 3%");  
    _liquidityFee = liquidityFee;  
}  
  
function setTaxFeePercent(uint256 taxFee) external onlyOwner() {  
    require(taxFee <=3,"Cannot set the fee more than 3%");  
    _taxFee = taxFee;  
}  
  
function setMarketingFeePercent(uint256 marketingFee) external onlyOwner() {  
    require(marketingFee <=3,"Cannot set the fee more than 3%");  
    _MarketingFee = marketingFee;  
}  
  
function setBurnFeePercent(uint256 burnFee) external onlyOwner() {  
    require(burnFee <=3,"Cannot set the fee more than 3%");  
    _BurnFee = burnFee;  
}
```



Informational

Owner can exclude address from fees and max transaction limit.

```
function excludeFromFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = true;
}

function _tokenTransfer(address sender, address recipient, uint256 amount) private {
    if(_isExcludedFromFee[sender] || _isExcludedFromFee[recipient]){
        removeAllFee();
    }
    else{
        require(amount <= _maxTxAmount, "Transfer amount exceeds the maxTxAmount.");
    }
    .....
}
```

Owner can exclude address from rewards.

```
function excludeFromReward(address account) public onlyOwner() {
    require(!_isExcluded[account], "Account is already excluded");
    if(_rOwned[account] > 0) {
        _tOwned[account] = tokenFromReflection(_rOwned[account]);
    }
    _isExcluded[account] = true;
    _excluded.push(account);
}
```



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Eva Token

GOOD PRACTICES FOUND

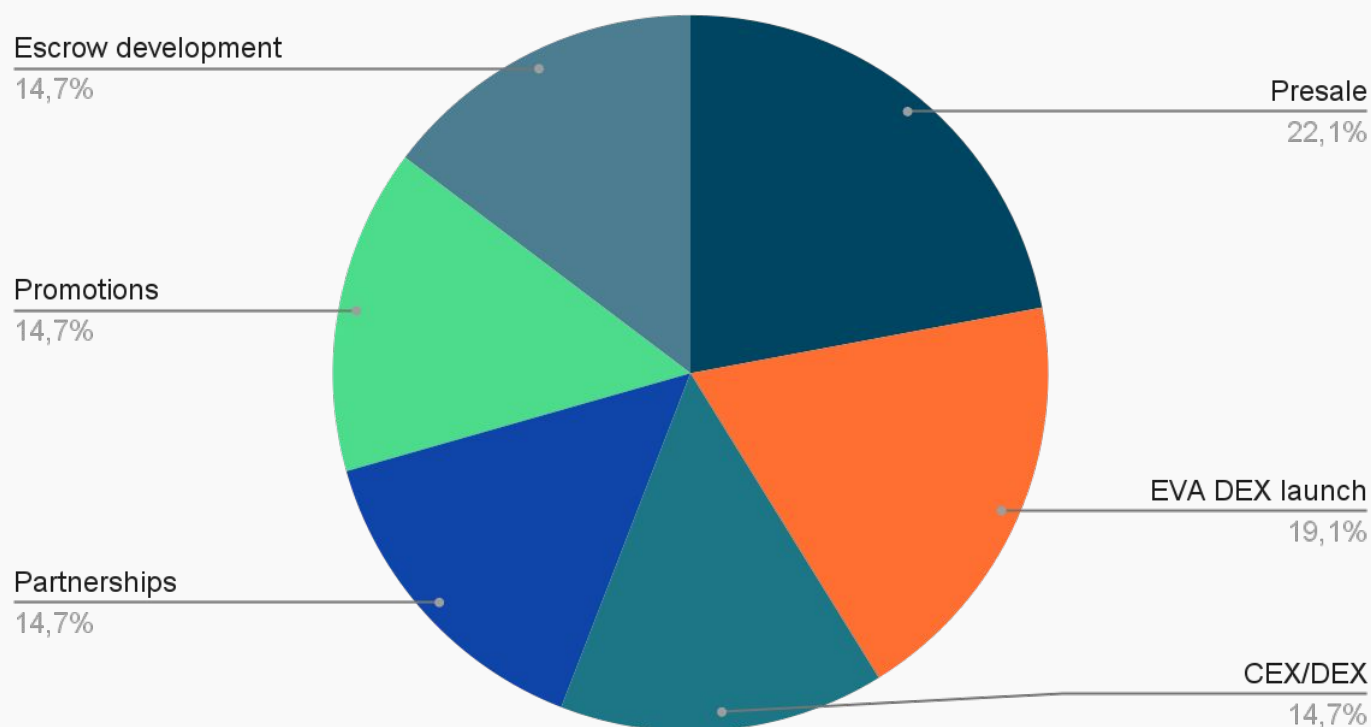
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract.
- ✓ The owner can set a transaction limit, but can't lower it than 0.5% of total supply
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*The following tokenomics are based on the project's whitepaper and/or website:

- 15% - Presale
- 13% - EVA DEX launch
- 8.5% - Liquidity (Locked)
- 23.5% - Locked (anti-rug)
- 10% - Promotions
- 10% - Partnerships
- 10% - CEX/DEX
- 10% - Escrow development

Tokens distribution



TOKENOMICS



THE TEAM

✓ The team at EVA is publicly doxxed on their website.

<https://eva-token.com/index.php/team/>.





WEBSITE

Website URL

<https://eva-token.com/>

Domain Registry

<https://www.hostinger.com>

Domain Expiration

Expires on 2024-01-04

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page design,
appropriate color scheme
and graphics.

Content

The information helps new
investors understand what
the product does right away.
No grammar mistakes
found.

Whitepaper

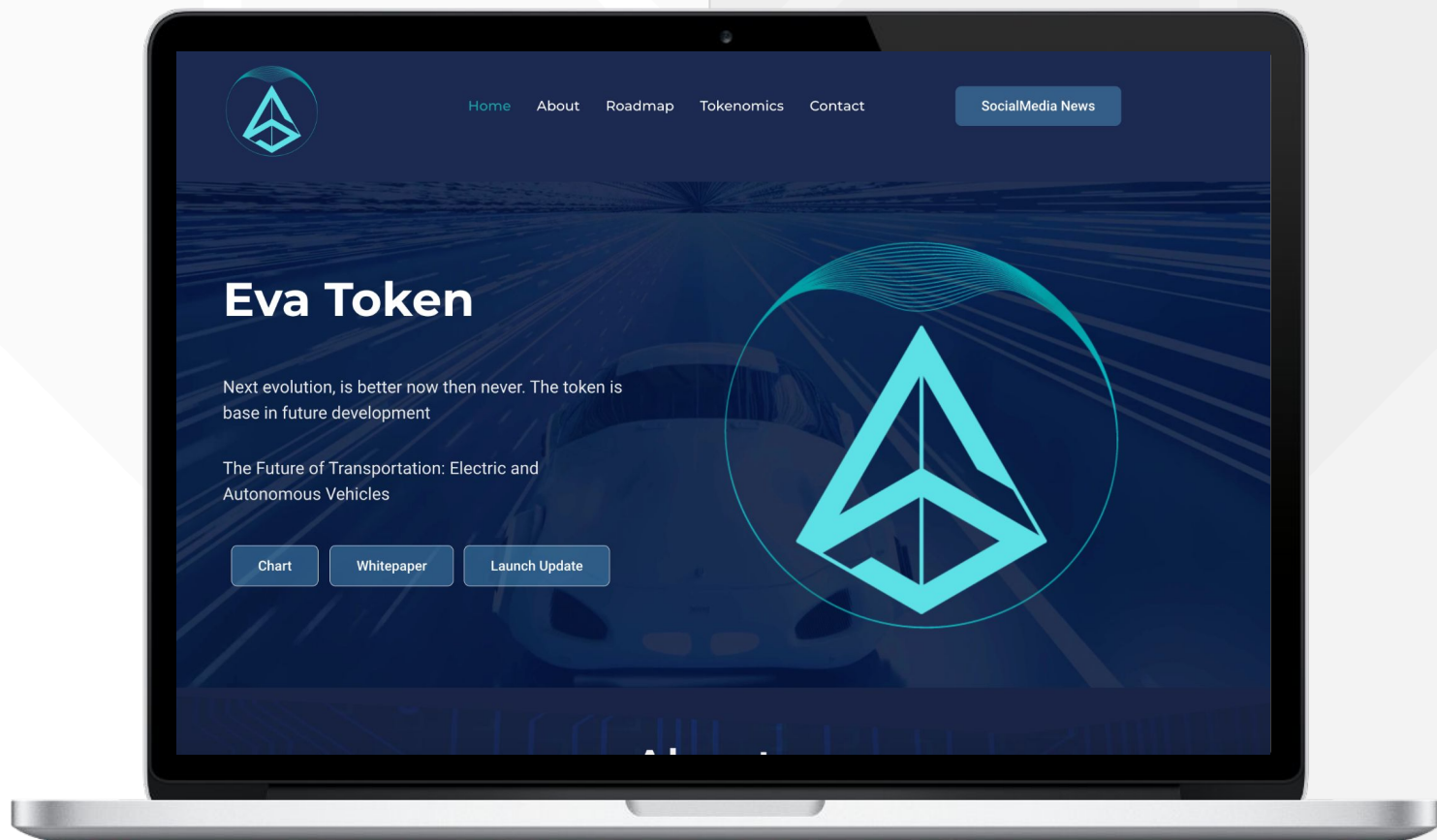
Yes, very descriptive.

Roadmap

Yes, goals set without time
frames.

Mobile-friendly?

Yes



eva-token.com

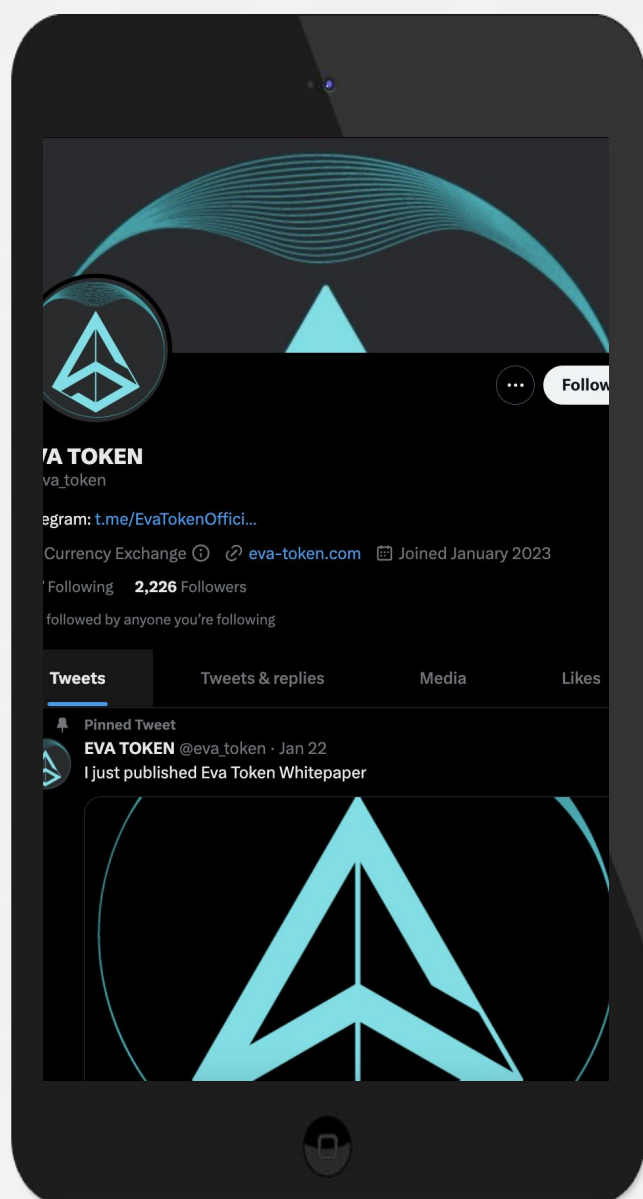


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media channels are active, the activity comes from few active members.



Twitter

@eva_token

- 9147 followers
- Posts frequently
- Active



Discord

discord.com/invite/xnZZfh7wPJ

- 4980 users
- Active mods and users



Telegram

@EvaTokenPortal

- 1 041 members
- Few active members
- Active mods



Medium

@evatoken.contact

- 1 post



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.